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7/3/03

John T. Pienkos Reg. No. 42,997

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Terrence M. Rotter et al.
Application No.: 10/035,101
Filed: December 28, 2001
Title: BALANCE SYSTEM FOR SINGLE CYLINDER ENGINE
Group Art Unit: 3747
Examiner: N. Kamen
Atty. Docket No.: 550270.91065

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Please find enclosed a Form PTO/SB/08A listing, on eight (8) pages, numerous additional references for the Examiner's consideration. Copies of each of the listed references, as well as translations as applicable (as discussed below) are also enclosed.

In particular, this Supplemental Information Disclosure Statements includes thirteen (13) Japanese patent documents, which are listed on pages 1-3 of the Form PTO/SB/08A. The Applicants have provided, in addition to the copies of these Japanese patent documents, English translations or copies of corresponding English-language patent documents in accordance with 37 CFR §1.98 (3)(ii).

More specifically, the Applicants have attached translations of portions of the following seven (7) Japanese patent documents: JP57-146938; JP57-171139; JP57-173636; JP58-161134(U); JP60-139994(U); JP1-106657(U); and JP62-15640(U). As for the remaining six (6) Japanese patent documents, the Applicants have included within this Information Disclosure Statement the following corresponding English-language patent documents as follows:

<u>Japanese Document</u>	<u>English-Language Document(s)</u>
JP58-118350	U.S. Patent No. 4,481,918
JP8-261290	Patent Abstract of Japan
JP9-512618	PCT Publication No. WO 95/26474 (see English-language abstract on first page)
JP2000-507670	PCT Publication No. WO 97/37151
JP9-184545	U.S. Patent No. 5,758,615; and Patent Abstract of Japan
JP06-050387	Patent Abstract of Japan

Please note that, while each of the above-listed U.S. patents and PCT publications are listed separately on the Form PTO/SB/08A, the Patent Abstracts of Japan documents are attached to the Japanese patent documents (except in the case of document JP06-050387, in which case the Applicant was unable to obtain a copy of the Japanese document and is only able to submit the corresponding English-language Patent Abstract of Japan). Also, please note that Japanese patent document JP57-171139 also appears to correspond to U.S. Patent No. 4,407,169 (also listed on the Form PTO/SB/08A).

In addition to aforementioned Japanese documents, the Applicants have also submitted herewith various non-English European and PCT patent documents, which are listed on pages

3-7 of the Form PTO/SB/08A. Again, the Applicants have provided, in addition to the copies of these foreign-language documents, English translations or copies of corresponding English-language patent documents (in certain cases, as discussed below, such corresponding English-language patent documents have already been submitted previously).

Specifically, page 3 of the Form PTO/SB/08A lists PCT patent publication no. WO 95/26474, which is in German. However, an English abstract is provided on the front page of that publication.

As for the foreign patent documents listed on pages 4-7 of the Form PTO/SB/08A, thirteen (13) of those documents are in German (all of the remaining six (6) foreign patent documents are in English). With respect to these German-language documents, the Applicants have attached translations of portions of the following eleven (11) documents to the respective documents: DE 2,432,188; DE 3,033,803A1; DE 3,120,190A1; DE 3,607,133A1; DE 3,841,374A1; DE 3,927,593A1; DE 4,121,647C1; DE 4,441,798A1; DE 10,010,530A1; DE 19,538,837C1; and DE 3,040,686A1.

With respect to the remaining two (2) German-language patent documents, the Applicants have included with this Information Disclosure Statement (or submitted in previous Information Disclosure Statements, as indicated) the following corresponding English-language patent documents as follows:

German-Language Doc.
DE 742,776

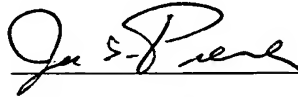
DE 2,408,729

English-Language Document(s)
as best as can be determined,
appears to correspond to U.S.
Patent No. 2,235,160,
(previously submitted)
British patent no. 1,449,329

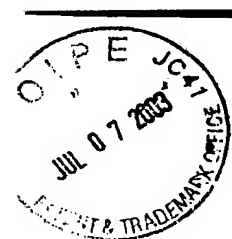
The Applicant appreciates the Examiner's consideration of these documents, which are being submitted in connection with the submission of a Request for Continued Examination of the present Application.

Respectfully submitted,

Terrence M. Rotter, et al.



John T. Pienkos
Reg. No. 42,997
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Milwaukee, WI 53202-4497
(414) 277-5777



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 8

Complete if Known

Application Number	10/035,101
Filing Date	December 28, 2001
First Named Inventor	Terrence M. Rotter et al.
Art Unit	3747
Examiner Name	Kamen, N.
Attorney Docket Number	550270.91065

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 350,068	09-28-1886	C. Louque	
		US- 1,310,090	07-15-1919	H.R. Ricardo	
		US- 1,738,876	12-10-1929	H.J. Edwards et al.	
		US- 1,871,899	08-16-1932	C.O. Marshall	
		US- 4,407,169	10-04-1983	Menen	
		US- 4,440,123	04-03-1984	Tsai	
		US- 4,481,918	11-13-1984	Morton	
		US- 4,509,474	04-09-1985	Schmuck	
		US- 4,628,876	12-16-1986	Fujikawa et al.	
		US- 4,688,528	08-25-1987	Nivi et al.	
		US- 4,781,156	11-01-1988	Berger et al.	
		US- 4,791,830	12-20-1988	Yamamoto et al.	
		US- 4,800,852	01-31-1989	Kandler	
		US- 4,800,777	01-31-1989	Imanishi et al.	
		US- 4,803,964	02-14-1989	Kurek et al.	
		US- 4,819,505	04-11-1989	Takubo et al.	
		US- 5,282,444	02-01-1994	Ito et al.	
		US- 5,335,532	08-09-1994	Mueller et al.	
		US- 5,588,407	12-31-1996	von Essen et al.	

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		GB 249 693 A	04-01-1926	Herbert Austin		
		GB 749 864 A	06-06-1956	Whitworth & Co		
		JP 57-146938 A	09-10-1982	Triumph Motorcycles		
		JP 57-171139 A	10-21-1982	Paran Aaru Menen		
		JP 57-173636 A	10-26-1982	Sulzer AG		
		JP 58-161134 U	10-27-1983	Nissan Motor		

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Date
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	3	of	8
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Complete if Known

Application Number	10/035,101
Filing Date	December 28, 2001
First Named Inventor	Terrence M. Rotter et al.
Art Unit	3747
Examiner Name	Kamen, N.
Attorney Docket Number	550270.91065

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	1 ⁶
		Country Code ³ Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
		JP 62-15640 U	01-30-1987	Toyota Jidousha		
		JP 9-184545	07-15-1997	Meta Motoren Energietech		
		JP 06-050387	02-22-1994	Mitsubishi Heavy Ind LTD		
		WO 97/37151	10-09-1997	Walker, Patrick		
		WO 95/26474	10-05-1995	Shrick GmbH		
		WO 02/061303 A1	08-08-2002	Briggs & Stratton Coporation		

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Sheet	4	of	8
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Application Number	10/035,101
Filing Date	December 28, 2001
First Named Inventor	Terrence M. Rotter et al.
Art Unit	3747
Examiner Name	Kamen, N.
Attorney Docket Number	550270.91065

U. S. PATENT DOCUMENTS

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Examiner Initials*	Cite No.¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code² (<i>If known</i>)			
		US- 1,141,189	06-01-1915	Horace M. Kauffman	
		US- 1,342,648	06-08-1920	Harry Ralph Ricardo	
		US- 1,410,019	03-21-1922	Albert F. Krause	
		US- 1,588,720	06-15-1926	Alva B. Gilbert	
		US- 3,468,190	09-23-1969	Achille C. Sampietro	
		US-			
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁵
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			
		DE 742 776	12-10-1943	Dr.-Ing. Frdrik Ljungstrom		
		DE 2 408 729	09-26-1974	Nissan Motor Co., Ltd.		
		GB 1 449 329	09-15-1976	Nissan Motor Co., Ltd.		
		DE 24 32 188	02-04-1975	Ateliers de la Motobecane		
		DE 3 03 803 A1	04-22-1982	Volkswagenwerk AG		
		DE 31 20 190 A1	06-05-1982	Volkswagenwerk AG		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/035.101
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Filing Date	December 28, 2001
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First Named Inventor	Terrence M. Rotter et al.
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Art Unit	3747
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Examiner Name	Kamen, N.
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Attorney Docket Number	550270.91065
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U. S. PATENT DOCUMENTS

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
		DE 36 07 133 A1	09-10-1987	Kloeckner-Humboldt-Deutz		
		DE 38 41 374 A1	11-01-1988	Ford-Werke AG		
		DE 39 27 593 A1	02-28-1991	Bayerische Motoren Werke A		
		DE 41 21 647 C1	04-16-1992	Mercedes-Benz AG		
		DE 44 41 798 A1	06-08-1995	FEV Motorentechnik GmbH		
		DE 100 10 530 A1	09-06-2001	Knorr-Bremse Systeme		

Examiner Signature		Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	6	of	8
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Complete if Known

Application Number	10/035,101
Filing Date	December 28, 2001
First Named Inventor	Terrence M. Rotter et al.
Art Unit	3747
Examiner Name	Kamen, N.
Attorney Docket Number	550270 91065

U. S. PATENT DOCUMENTS

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Examiner Initials*	Cite No.¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code² (if known)			
		US-			
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		Country Code ² Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			
		DE 195 38 837 C1	02-20-1997	Meta Motoren & Energietechn		
		EP 0 077 634 A1	04-27-1983	Triumph Motorcycles Limited		
		EP 0 227 277 A1	07-01-1987	Ford Motor Company Limited		
		GB 2 311 820 A	10-08-1997	Patrick Michael Cranston Wa		
		GB 749 864	06-06-1956	W.G. Armstrong Whitworth &		
		GB 1 141 189	01-29-1969	Briggs & Stratton Corp.		

Examiner Signature		Date Considered	
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Sheet	7	of	8
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First Named Inventor	Terrence M. Rotter et al.
Art Unit	3647
Examiner Name	Kamen, N.
Attorney Docket Number	550270.91065

U. S. PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		DE 3 040 686 A1	05-27-1982	Volkswagenwerk AG		

Examiner Signature		Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
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		Art Unit	3747
		Examiner Name	Kamen, N.
Sheet 8	of 8	Attorney Docket Number	550270.91065

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		Chapter 2, Piston Motion, Fundamentals of Automotive Engine Balance, W. THOMSON, 1978, pp. 7-13.	
		Internal-combustion engines, Bosch Automotive Handbook, 4th ed. 1996, pp.384-389.	
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